**SRAVANTHI S**

**AWS/DevOps Engineer**

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**Professional Summary**

* AWS DevOps Engineer with 8 + years of experience in **Build and Release Engineer ,Devops Engineer** and **Linux Administration** and in automating, building, releasing of code from one environment to other environment and deploying to servers.
* Amazon Web Services **certified** **solutions architect.**
* Involved heavily in setting up the CI/CD pipeline using **Jenkins, Maven, Nexus, SVN, GitHub, CHEF, Terraform** and **AWS.**
* Expertise in designing and implementing automated provisioning of full stack application services (VPC, Security Groups, Instances, ELB) in **AWS** using **Terraform.**
* Expertise in configuring **Jenkins** job to spin up infrastructure using **Terraform** scripts and modules.
* Experienced in Building CI pipeline using **GitLab, Jenkins** and **Ansible** for VM provisioning.
* Extensively worked with broad range of AWS Cloud Services like **EC2, ELB, Auto Scaling, VPC, Route53, RDS, S3, IAM, SNS, SQS, AWS EMR, AWS Redshift, Dynamo DB, Elastic search and Cloud Watch,** have in-depth practical knowledge on other cloud services like **Microsoft Azure** and **OpenStack.**
* Experienced in cloud application and server virtualization using **AWS** (**Amazon Web Services**), **Rackspace** and **Azure.**
* Transferred data from Datacenters to cloud using AWS Import/Export Snowball service.
* Provided support to database team in creating, testing and deploying databases in **AWS Cloud**.
* Configured and maintained Redhat **OpenShift PaaS** environment.
* Worked on container based technologies like **Docker, OPENSHIFT** and **Kubernetes**.
* Proficient level of experience on DevOps essential tools like **Subversion (SVN), GIT, Docker, Kubernetes, Ant, Maven, Jenkins, Hudson,Teamcity, Rundeck, VSTS, Chef, Puppet, Ansible.**
* Experienced in all facets of full CM process with tools such as **SVN, GIT, PVCS, TFS, Clear Case, Clear Quest, Perforce, Cruise Control, Jenkins, Bamboo, Puppet, Chef** and **Ansible.**
* Experience in Branching, Tagging and maintaining versions across Environments using Version Control Tools like **SVN, GIT**.
* Experienced with **Docker, Kubernetes, swarm** and clustering frameworks.
* Worked on **Docker** Container, **Docker** Hub, creating **Docker** images and handling multiple images primarily for middleware installations and domain configurations.
* Expertize in using the **Docker** for virtualization, Ship, Run and Deploy the application securely to fasten the Build/Release Engineering. Virtualized the servers using the **Docker** for the test environments and dev-environment needs.
* Experienced in maintaining **Docker** containers and **docker** images for run time environment.
* Worked with on boarding Application teams to build and deploy their code using **Git, TFS, Jenkins, Nexus, Urbancode** and **Ansible.**
* Configured and Administered **Nexus** Repository Manager.
* Extensively experienced in using Build Automation tools like **ANT, Maven, Gradle** and working knowledge on other build tools like make file.
* Created Jobs for Builds and Deployments, installed several plug-ins in to support multiple tools required for the implementation of projects.
* Rich experience on using **Jenkins/Hudson** continuous integration service for automating everyday tasks and enhancement of build cycle for variety of products.
* Experience in setting up build pipelines in **Jenkins** by using various plugins like **Maven** plugin, **EC2** plugin etc.
* Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like **Chef & Jenkins**.
* Proficient in automating test cases though **Jenkins** pipeline.
* Experience in writing shell scripts to push the code from **Bamboo** to **Urbancode** deploy and Artifactory.
* Hands on automation experience on **Selenium** with Java (Worked on Selenium WebDriver,), **JUnit,** **TestNG,** **Maven,** and also implemented Data driven and BDD Framework using **Cucumber.**
* Experience in developing and executing test cases manually and developed automation script with **Selenium IDE**, **Grid, Selenium RC, Selenium Web driver**.
* Familiar with integrating **JUNIT** code quality tools.
* Expertise in Managing and maintaining ongoing changes to configuration in **Puppet.**
* Experience in automating routine tasks using **Shell** scripts, javascript, **python** scripts and **Puppet**.
* Created and managed **Chef** Cookbooks.
* Experienced in Working with **Chef Cookbooks**, **Chef Recipes, Chef attributes** and **Chef Templates**
* Installed and configured configuration tool such as **Chef** Server / workstation and nodes via CLI tools to AWS nodes.
* Experienced in writing playbooks for **Ansible** and deploying applications using **Ansible**.
* Experienced in administering and maintaining Atlassian products like **JIRA, Bitbucket/Stash** and **Confluence**.
* Good Knowledge on **Spark** framework on both batch and real-time data processing.
* Experienced in using Bug Tracking tools like **JIRA** and HP Quality center.
* Used **JIRA** as a Change Management/ Work Management/ SCRUM Agile Tool.
* Experience with various persistence mechanisms and APIs like **SOAP API's** and Rest **API's**.
* Extensively experienced in **Bash, Perl, Python, Ruby** scripting on Linux.
* Good knowledge of **Middleware** Application Servers.
* Expertise in **Agile Testing Methodologies** & **Software Test Life Cycle** (STLC).
* Experience of the full Software Development Life Cycle (SDLC) and Methodologies & Validations to ensure the Quality Assurance Control.
* Installed, Configured, Managed Monitoring Tools such as **Splunk**, **Nagios** for Resource Monitoring /Network/Monitoring/Log Trace Monitoring.
* Responsible to designing and deploying new **ELK** clusters (**Elasticsearch, logstash, Kibana, beats, Kafka**, **zookeeper** etc.
* Proficient DB administration (**SQL Server, Oracle, DB2, MongoDB, RabbitMQ, MySQL, MS SQL, T-SQL, Sybase**) knowledge for maintaining and performing required DB tasks.
* In-depth knowledge on **Tableau** Desktop, **Tableau** Reader and **Tableau** Server.
* Extensively experienced in **UNIX** performance tuning and Capacity Planning.
* Expert in installation, configuration & troubleshooting **VMware ESX VSphere, Virtual Center**, Servers and **ESXI** servers like **VMware VSphere and VSphere.**
* Experienced in web/application servers like **Apache, JBOSS** and **Tomcat.**
* On-call support for 24/7 for troubleshooting production issues.
* Strong communication, collaboration & team building skills with proficiency in grasping new technical concepts quickly.
* Troubleshooting system and user issues, providing friendly and timely Linux customer support.

## **Technical Skills**

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| **Languages** | C, C#, C++, Java. |
| **Build Tools** | ANT, GRADLE, MAVEN, DOCKER, Kubernetes, Terraform , Jenkins, Hudson, Teamcity, Rundeck, Bamboo, Puppet, Chef and Ansible |
| **Web Technologies** | HTML, CSS, Java Script, XML, JDBC |
| **Databases** | Oracle, SQL, My SQL, SQL Server, T-SQL, MS SQL, Postgre SQL, NoSQL,MongoDB, RabbitMQ |
| **Testing Tools** | Selenium, Junit, TestNG, Cucumber. |
| **Operating System** | RedHat Linux 4/5/6/7, CentOS 5/6/7, Windows Servers [2003, 2008, 2008 R2, 2012, 2012 R2], Windows 2000, XP, 7, Cloud Services |
| **Versioning Tools** | CVS, Subversion, GIT, ClearCase, TFS, Perforce, Nexus |
| **Atlassian Tools** | JIRA, BitBucket, Stash, Confluence |
| **Scripting Languages** | Shell scripting, Perl scripting, Python scripting,Ruby |
| **Amazon Web Services** | EC2, Simply Storage Service,Cloud Front, Relational Data Base, Virtual Private **Cloud, Route 53, Cloud Watch, Cloud Trial**, Identity and Access Management, Simple Notification Service, AWS EMR, AWS CLI. |
| **Monitoring Tools** | Cloud Watch, Nagios, Graphana |
| **Network Protocols** | WINSCP, SSH, VPN |
| **Cloud Services** | AWS, Microsoft Azure, Open Stack, Openshift, Rackspace |
| **Production Support** | Apache, Tomcat, JBOSS, Websphere, Webserver, Weblogic |

## **Professional Experience**

**AWS/DevOps Engineer**

**CareSource, Dayton, OH April 2016 to Till date**

**Responsibilities:**

* Responsible for building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on **Amazon Web Services**.
* Created highly available and scalable infrastructure in **AWS cloud** by using various AWS services like **EC2, VPC, RDS, Route53** etc.
* Designed AWS architecture, Cloud migration, **AWS EMR, Dynamo DB, Redshift** and event processing using lambda function.
* Deployed and monitored, migrated the scalable infrastructure on Amazon web services specifically on **AWS EC2, S3**.
* Integrated **CloudFormation** solutions, modularized **VPC** deployment.
* Used **terraform** to write infrastructure as code.
* Created **Terraform** scripts for **EC2** instances, **Elastic Load balancers** and **S3** buckets.
* Automated end-to-end transit hub connectivity resource deployment in **AWS** via **terraform.**
* Created **AWS Route53** to route traffic between different regions.
* Managed **Route 53** DNS hosted zones configuring aliases for **Elastic Load Balancer** applications
* Worked on **AWS OpsWorks** in integration with **Chef** Configuration management tool to maintain infrastructure.
* Constructed **AWS Security Groups** which behaved as virtual firewalls controlling the traffic allowed to reach one or greater AWS EC2 instances.
* Worked on storage service **Amazon S3** to store and retrieve media files such as images and used **Amazon Cloud Watch** monitor the application and to store the logging information.
* Automated the process of retrieving **cloud watch** metrics like CPU, Mem, Network utilization scripts and presenting them in xlsx format.
* Created script using **AWS CLI** to report key **CloudWatch** metrics for **Redshift** to automate **Redshift** health monitoring.
* Implemented clean up scripts/Lambda functions in **Python** and **Ruby** to delete unused instances, **EBS volumes**, Snapshots and **Cloud watch alarms.**
* Provided operational support to **Kinesis** Streams software development team.
* Launched **Kinesis** Streams services in new **AWS** regions.
* Implemented and maintained the branching and build/release strategies utilizing **Subversion (SVN**) and **GIT** and involved in periodic archiving and storage of the source code for disaster recovery.
* Performed all necessary day-to-day **Subversion/GIT** support for different projects.
* Implemented a production ready, load balanced, highly available, fault tolerant **Kubernetes** infrastructure.
* Created a Continuous Delivery process to include support building of **Docker** Images and publish into a private repository- Nexus v3.
* Reduced,built and deployed times by designing and implementing **Docker** workflow.
* Set up system for dynamically adding and removing web services from a server using **Docker, Nginx**.
* Using various tools such as **Ant**, **Maven**, **Jenkins**, **VSTS** and **Chef**, I have established release management processes for the existing **Java** based applications and established automated build processes that were non-existent previously.
* Maintained and administered source code repository Subversion and designed versioning strategy in **TFS** to support parallel development for multiple releases.
* Wrote **ANT** Scripts to automate the build process, provided **ANT** build script for building and deploying the application.
* Integrated Ant and maven with **TFS** source control to automatically trigger Builds and publish results back to **TFS**.
* Installated, Configured and Integrated **UrbanCode** Deploy.
* Onboarded the application on **Urbancode** Build and **Urbancode** Deploy tool.
* Automated the deployment of java builds using **chef and ansible.**
* Enabled customers to better manage software development, deployments and infrastructure with tools such as **GITHub, Jenkins** and **Chef.**
* Worked on using **Chef** Attributes, **Chef** Templates, **Chef** Recipes, and **Chef** Files for managing the configurations across various nodes using **Ruby**.
* Using **Chef** and **AWS** allowed me to reduce costs for the department and eliminate unwarranted resources. Automated provisioning of cloud infrastructure with **Chef**.
* Replaced existing manual deployment and management processes with **Chef** and **AWS OpsWorks** stacks across 4 product platforms.
* Used **Amazon Linux AMI** packages and configurations for tight integration with **Chef**.
* Used **Ansible** and **Ansible** Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Managed the configurations of multiple servers using **Ansible.**
* Deployed mircoservices, including provisioning **AWS** environments using **Ansible** Playbooks.
* Written cookbooks for **Web Logic, JDK**, and **Jenkins, tomcat, JBoss** and deployment automation.
* Monitored systems with **Nagios** & **Graphana**.
* Configured & Managed different **Nagios** Plug-in.
* Installed, configured, and maintained **ELK** stack systems.
* Used **ELK** (**Elasticsearch, Logstash and kibana**) for name search pattern for a customer.
* Involved in Linux system administration and performance tuning. Wrote **Shell Scripts (bash), Python, Perl** Scripts to automate the package installation, web server and instance configuration.

**Environment:** AWS, Kinesis, SVN, GIT, Docker, Kubernetes, Ant, Maven, Jenkins, VSTS, Terraform, Chef, Ansible, Nagios, Graphana, ELK, Tomcat, JBoss, Java, Ruby, Perl, Python, Web Logic, JDK

**DevOps/AWS Engineer**

**Waters Corporation, Boston, MA Aug 2015 to March 2016**

**Responsibilities:**

* Developed an **auto-scaling architecture** which works both in **EC2** and on premise data centers. Managed **hardware, software, and networking** for a large scale cluster on **Amazon EC2**.
* Involved in designing and deploying a multitude applications utilizing almost all the AWS stack (Including **EC2, Route53, S3, RDS, AWS EMR, Dynamo DB, SNS, SQS, IAM**) focusing on high-availability, fault tolerance, and autoscaling in AWS **Cloud formation.**
* Worked at optimizing volumes and **EC2** instances and created multiple **VPC** instances.
* Managed **Amazon redshift** clusters such as launching the cluster and specifying the node type as well.
* Migrated the website domain to **Route 53.**
* Used security groups, IAM roles, scaling groups, load balancers, Monitored **EC2** instances with **Cloud Watch**.
* Used **GIT** source control systems to manage code.
* Created, maintained and administrating **Git** and **Subversion** repositories as source code managements.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using **GIT** source control.
* Configured the Subversion plugin for **JIRA** to relate code commits to the issues created.
* Integrated **JIRA** to **TFS** to get automated the flow of Development and Deployment.
* Containerized all the Ticketing related applications- Spring Boot **Java** and **Node.Js** applications using **Docker.**
* Managed **Kubernetes** charts using Helm. Created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and managed releases of Helm packages.
* Administered and Implemented CI tools like **Jenkins, Bamboo** & **Hudson** for automated builds and to build and implement the end to end automation process.
* Extensively used **ANT** tool to do the builds, integrated **ANT** to Eclipse and did local builds.
* Integrated **Maven** with **Jenkins** for the builds as the Continuous Integration process.
* Implemented the setup for **Master slave** architecture to improve the Performance of **Jenkins**.
* Administered **Hudson** and Installed and Managed Plugins in **Hudson**, Created users in **Hudson**.
* Managed users in **Hudson** by giving them appropriate permissions and also created deployment scripts in **Hudson** that can be used in **Hudson** for one click deployment
* Performed baseline builds merges, software release management and other SCM activities.
* Designed and implemented fully automated server build management, monitoring and deployment by using DevOps Technologies like **Puppet**.
* Automated Provisioning and App Servers Configuration in all three environments using **Puppet** and **Chef** configuration management tools.
* Performed system administration and operations tasks using **Chef, Nagios**.
* Utilized **Chef** to provision servers for quick deployment of application, web, and database servers.
* Performed the automation using **Chef** Configuration management and managing the infrastructure environment with **Puppet**.
* Designed, Installed and Implemented **Ansible** configuration management system.
* Responsible for all the middleware component installations, configurations and deployments like **JBOSS** - automated most projects using **Ansible**.
* Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Worked on Monitoring systems **Nagios** and **Splunk** and repositories **Nexus** and **Artifactory**.
* Installed **Splunk** on unix and **Splunk** SOS for monitoring the health of the clusters. Integrated **Splunk** with Active directory and LDAP authentication.
* Improved the performance of **SQL** scripts by using Object Role Modelling methodology.
* Used **Confluence** in documentation of processes.
* Installed and Configured **SSH, TELNET, FTP, DHCP, DNS.**
* Installed and configured **NFS, NIS, TCP/IP** and **ZFS**.
* Involved in performing code reviews in **C++**, **Python** and **Shell** scripting languages for moving into development on **LINUX, UNIX** operating systems.
* Worked on developing and testing enterprise products, with current focus on cloud based application and giving solution to challenges imposed by multi data center deployed **SaaS** products and their needs for DevOps tools and automation.

**Environment:** AWS, Subversion, GIT, JIRA, Ant, Gradle, Docker, Kubernetes, , Jenkins, Bamboo, Hudson, Chef, Puppet, Nagios, Splunk, Nexus Artifactory, SQL, Confluence, Java, Node.JS, SSH, TELNET, FTP, DHCP, DNS, NFS, NIS, TCP/IP, C++, Python, Shell, LINUX, UNIX, Bitbucket,

**DevOps/AWS Engineer**

**Abbott Labs, Chicago, IL Dec 2014 to July 2015**

**Responsibilities:**

* Worked closely with the Development Team in the design phase and developed use case diagrams using Rational Rose.
* Worked with the Architects on SDLC process being the owner of post development environments.
* Utilized AWS **CloudFormation** service templates to setup an environment in the cloud.
* Used **OpenStack** and **AWS** cloud services to launch **Linux** and windows machines, created security groupsand written basic Power **Shell** scripts to take backups and mount network shared drives.
* Worked on Multiple **AWS** instances, set the security groups, **Elastic Load Balancer** and **AMIs**, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Created **S3** buckets and also managing policies for **S3** buckets and Utilized **S3** bucket and Glacier for Archival storage and backup on **AWS**.
* Worked on configuring **S3** versioning and lifecycle policies and backup files and archive files in **glacier.**
* Configured **Elastic Load Balance**rs with **EC2** Auto scaling groups.
* Wrote Lambda function in python scripts for **AWS lambda** which invokes python scripts to perform various transformations and analytics on large data sets in **EMR** clusters.
* Used **CloudFront** to deliver content from **AWS** edge locations to users, allowing for further reduction of load on front-end servers.
* Analyzed, designd and implemented the architecture of **REST and SOAP API**’s and Implemented robust set of services and API's to power the web application/ Mobile application.
* Designed, developed & delivered the **REST and SOAP APIs** that are necessary to support new feature development and enhancements in an agile environment.
* Maintained and administered **GIT** source code tool.
* Created Branches, Labels and performed Merges in Stash and **GIT**.
* Wrote json templates for **cloud formation** and **Ruby** scripts for **chef** automation and contributing to our repository on **GitHub** (sub version control).
* Implemented continuous integration using **Jenkins** and **VSTS.**
* Used **Jenkins, Chef,** **shell** scripts to automate the code deployment & automation of continuous integration infrastructure (**Bamboo, Stash, GIT** and **Nexus** were also used in this process)
* Developed **Chef** recipes to configure, deploy and maintain software components of the existing infrastructure..
* Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
* Configured **Docker** containers and **CloudBees Jenkin**s Jobs with **GitHub** for CI/CD Pipelines
* Created automation tool using **Anthillpro** of daily weekly quarterly admin activities, build, patch and package tasks using **AnthillPro.**
* Used **Jenkins**, Build forge for Continuous Integration and deployment into **Tomcat** Application Server.
* Configured and automated the **Bamboo** Build jobs for Continuous Integration.
* Installed and Configured the **Nexus** repository manager for sharing the **artifacts** within the company.
* Supported and developed tools for integration, automated testing and release management.
* Used **IBM Rational Clear Quest** for tracking the changes and approval process.
* Involved in creating new elements in **Vobs**.
* Administered Build Forge for automated build and deploy activities.
* Implemented automated local user provisioning in instances created in **Open Stack** cloud through **Chef** Recipes.
* Established **Puppet** Best practices approaches to systems deployment with other tools and managing **Puppet** as a unit of software deployment and independently version controlled.
* Installed and configured **Linux** for new build environment.
* Integrated of **Puppet** with Apache and developed load testing and monitoring suites in **Python**.
* Utilized **Nagios** tool to monitor highly optimized **PAAS** and **IAAS** solutions.
* Used to **Cloudwatch** to actively monitoring stats from all of the parts in your **AWS** solutions.
* Wrote scripts in **Python** to automate log rotation of multiple logs from web servers.
* Wrote **Shell Scripts, Python, JavaScript's** to automate the package installation, web server and instance configuration.
* Helped working on Virtual servers including **VMware ESX server, Docker, Vagrant** and **Openvz** environments.

**Environment:** Openstack, AWS, CloudBees, GIT, Nexus, Docker, Kubernetes, Ant, Jenkins, VSTS, Bamboo, Vagrant, Puppet, Chef, Nagios, Cloudwatch, Rational Clear Quest, Vobs, Tomcat, Python, Ruby, Javascript, PowerShell, Linux

**Build and Release Engineer**

**Zaptech Solutions, Montclair, NJ Sept 2012 to Nov 2014**

**Responsibilities:**

* As member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on **UNIX** platform.
* Configured Management (SCM) tools like **Subversion** (SVN), **GIT**.
* Used the version control system **GIT** to access the repositories and used in coordinating with CI tools.
* Developed Maven build scripts for maintaining test automation builds & Java based library to read test data from XML & Properties files using **Junit** and loading it into **Selenium**.
* Worked on **Docked**-Compose and **Docke**r – Machine
* Worked with repository managers like **Nexus** and **Artifactory**.
* Integrated **Ant** & **Maven** with **GIT** to manage and deploy project related tags.
* Installed and configured **GIT** and communicating with the repositories in **GITHUB**.
* Installed, configured and administered **Jenkins** CI tool on Linux machines.
* Installed **Rundeck** plugin in **Jenkins** to schedule a job execution after a Successful build.
* Designed **Puppet** Modules to manage configurations and automate installation process.
* Managed and monitored the server and network infrastructure using **Splunk**.
* Written manifests/Recipes and **Ruby** scripts to customize the **Puppet** as per our environment.
* Developed 20+ REAN application **chef** cookbooks including **Splunk** configurations cookbook, Alert logic configuration cookbooks, **AWS cloudwatch** monitors cookbook etc.
* Installed Workstation, Bootstrapped Nodes, Wrote Cookbooks and uploaded them to **Chef**-server
* Troubleshooted communication issues with **Chef** client nodes and **Chef** servers.
* Created and maintained the **Shell/Perl** deployment scripts for **WebSphere** application
* servers.
* Developed **Perl** and **shell** scripts for automation of the build and release process.
* Designed Deployment Model for **Websphere** and **Weblogic** Applications On **AIX, UNIX** and Windows
* Designed Workflows to automate the Build and Deploy Process.
* Maintained ne for tracking and updating project defects and tasks.
* Installed, configured and maintained servers such as **HTTP, Apache Tomcat, WebSphere** and **WebLogic.**
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Carried Deployments and Builds on various environments.
* Worked closely with project managers, developers to pinpoint and provide early warnings of build failures.

**Environment:** GIT, SVN, Maven, Jenkins, Puppet, Splunk, Junit, Selenium, Ruby, Shell, Perl, Linux, Websphere.

**Build and Release Engineer**

**Herbalife Int India Pvt Ltd Oct 2011 to August 2012**

**Responsibilities:**

* Responsible for Development, UIT, SYTEM, UAT, STAGING, PRODUCTION Builds and Releases.
* Assisted in maintaining current build systems, developed build scripts, and maintained the source
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Responsible for design and maintenance of the **Subversion/GIT**, Stash Repositories, views, and the access control strategies.
* Involved in setting up **Jira** as defect tracking system and configured various workflows, customizations and plug-ins for the **Jira** bug/issue tracker.
* Installed and administered repository to deploy the artifacts generated by **Maven** and **Ant** and to store the dependent jars, which were used during the build.
* Modified **Maven** and **Gradle** build scripts in case of build failure for **JAVA** and **.NET** applications.
* Setup the **Jenkins** server with complete **Maven** build jobs providing a continuous, automated

scheduled QA build environment based on multiple **SVN** repositories for deployments.

* Implemented a Continuous Delivery framework using **Jenkins, Ant** Linux environment.
* Worked in cross-platform environments like **Linux, UNIX, AIX** and **Windows.**
* Monitored CPU, memory, physical disk, Hardware and Software RAID, multipath, file systems, network using the tools **NAGIOS** 4.0 monitoring.
* Deployed and Configured application server **Tomcat** deploying **Java** and Web Application.
* Used **Chef** for managing server application server such as Apache, MySQL, MS SQL, Tomcat.
* Installed and configured **PostgreSQL, MySQL, T-SQL**  database on Red Hat Servers.
* Documentation of detailed build configuration, Build procedures and change history for releases.
* Involved in scrum meetings, product backlog and other scrum activities and artifacts in collaboration with the team.

**Environment:** GIT, SVN, JIRA, Maven, Ant, Gradle, JAVA, .NET, Jenkins, Linux, UNIX, Nagios, Tomcat, Chef, Postgre SQL, MySQL, T-SQL, MS SQL.

**Linux Administrator**

**Netcracker Technology Solutions, Hyderabad, India July 2010 to Sept 2011**

**Responsibilities:**

* Worked as a System administrator for **UNIX** and **Linux servers**.
* Being a part of implementation team, worked with several teams like Network, Storage, Data Center team.
* Analyzed the Project requirement and submitted the request to the respective teams and procure the resources and built and as per standard, hand over the server to the Application / DBA team for further configuration at their end.
* Configured **Red-hat Linux** 3.x & **Solaris** 8, 9 for production, staging and test environments
* Built and configured virtual machines, ESXi; using **VMware/VSphere** 5.1/5.5 to monitor servers, web applications.
* Installed, configured and administered **VMware,** Solaris Zones, Containers and Ldoms.
* Managed Swap Space, Disk utilization and CPU utilization**.**
* Migrated database applications from **Windows 2000** Server to **Linux** server.
* Installed and set up **Oracle9i** on Linux for the development team.
* Configured multiple **WebLogic** domains
* Configured Clusters, Server groups and Cloning for improved availability and failover capacity.
* Managed Apache Server and maintained Plug-in in LAN/WAN environments.
* Troubleshooted various systems problems such as application related issues, network related issues, hardware related issues etc.
* Datacenter equipment installation (servers, network appliances from all big vendors on the market)
* Handled all aspects of WebLogic Server from Installation and Configuration to Monitoring, Troubleshooting, Tuning and Application Deployment in various environments viz. DEV, QA, and PROD.
* Installed and configureed SSH to enable secure access to the servers.
* Managed IT department's LAMP stack and configuration management.
* Installed, configured and managed **PostgreSQL** and **MySQL** database servers.
* Performed troubleshooting on filesystem failure, network failure and disk failures etc.
* Monitored trouble ticket queue to attend user and system calls.
* Capacity Planning, Infrastructure design and ordering systems.
* Successfully installed and configured **NAGIOS** monitoring system to monitor the production server environment.
* Designed, built, and maintained
* production servers and **RAID** storage system.
* Diagnosed hardware and software problems and provided solution to them.
* Worked with **DBAs** on installation of **RDBMS** database, restoration and log generation.
* Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.

**Environment:** Red Hat Linux 3.x/4.x/5.x,CentOS 4.6/4.7/5, VMware, Apache 2.0, NFS, Software RAID, DNS Server.

**EDUCATION:**

Bachelors in Technology, JNTU Hyderabad.

Master of Science, Wright State University, USA